1. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. 1st and Final Bill

225929

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Technical Manager (West) KRIDL .....

Date of commencement of work..... D.O. Record : 21/01/2019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work : Improvements to Roads and drains in Shettyhalli colony balance Roads in Ward no. 12, Shettyhalli in Shettyhalli Sub-Division						
	Estimated cost : Rs 50.00 Lakh.						
	JOB. No : 012-18-000052 - [P. Code. 1878. 2017-18]						
	Work order no : BBMP/EE/DD/WO/322/2018-19 2017-18. Dt. 22/03/18						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork Excavation by manual means ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 1.50m, Excavated surfaces leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and directions by Engineer-in-charge of Work.						
						130579.92	

M. A. R. 57 (Rule 116) No. D

Measurement Book

225930

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2)	Providing and laying in position plain cement concrete work in 1:4:8 with OPC cement 1 Bag 50kg with stone and stone aggregate 40-80 mm of hard aggregate 0.57 m³ machine mixed machine mixed, concrete laid in layers not exceeding 15 cms thick and compacted to final, including curing of materials, labour, hire of machinery, curing complete as per specifications and directions by Engineer-in-charge of Work.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						qty vide this MB-No 592	17-18
						Item (3) page 59179	
						= 116.88 m³ @ 5139.02/m³ =	571877.37
(3)	Providing and laying in position machine mixed cement concrete design mix M 20 with one cement 3 parts (by volume) coarse aggregate 6 mm and down 20 mm graded granite metal, fine aggregate 0.67 m³ and fine aggregate 0.48 m³ (by volume) for slab confirming to IS 9103-1999 reinforced work, including mixing, conveying, laying & layers not exceeding 150 mm thickness as directed for all works, in floor, for lintels, pedestals, retaining walls						

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

225931

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	clear cube retaining walls, return walls, up-walls of any thickness) including attached plinths, columns, piers, abutments, pilasters parapets, strings, buttresses, string or bearing courses, parapets, hand rails, anchor blocks, plain window sills, fillets etc complete as per specifications and directions of Engineer-in-charge of work.						
	(a) Bottom cement for drains	- qty vide MB-No				Item No	
		P. No				= 106.17 m³	
	for drains bottom side walls.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for drain brick wall						
	main Road - Rt	2×1	30.00	0.15	0.60	5.40 m³	
		2×3	30.00	0.15	0.60	16.20	
		2×1	25.00	0.15	0.60	4.50	
	Cross-Road - Rt	2×2	30.00	0.15	0.65	11.70	
		2×1	17.70	0.15	0.65	3.40	
	Lt	2×2	30.00	0.15	0.65	11.70	
		2×1	3.00	0.15	0.65	8.54	
	Cross-Road - Lt	2×1	35.00	0.15	0.65	6.82	
	Cross-Road-1 - Lt	1×3	30.00	0.15	0.60	16.20	
		2×1	12.00	0.15	0.65	2.34	
	——→—— Rt	2×3	30.00	0.65	0.65	17.55	
		2×1	12.00	0.15	0.65	2.34	
	Cross-Road - Lt	2×1	25.70	0.15	0.65	5.01	

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To 225932

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Rd	2×3	30.00	0.35	0.65	17.55	
		2×1	3.00	0.15	0.65	0.39	
	for - (Lt)	2×1	5.90	0.35	0.65	2.68	
		2×1	5.90	0.35	0.65	2.68	
		2×1	5.90	0.35	0.65	2.68	
	for Deepening	3×1	5.90	1.20	0.35	5.31	
						241.65 m³	
					Ldd 6	241.15 m³	
	(4) Providing and removing centring, shuttering, strutting, propping etc complete						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinths and cills and string courses, costing all materials, labour etc. complete as per specification of drawings, Engineer-in-charge of work.						
						qty vide MB. 592 p. no. 591	90
						* no. (2) = 1334.184	4,143.69.62
						@ 310.58/m³	
9)	Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, tipping or welding wherever required, tying with binding wire						

M. A. R. 57 (Rule 116) No. D

Measurement Book

225933

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and anchoring to the required members wherever necessary complete as per design including costing materials, labour & use of machinery complete as per specifications of drawings Engineer-in-charge of work.						
						qty vide MB 592 p. no. 591	89
						* no (1) = 14.82 nos	9,52,087.48
						@ 64213.12/nos	
6)	Providing and laying reinforced cement precast slabs of M 25 c.c. 1:1½:3 using 20mm and down size granite graded metal						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Using HYSD 10 mm dia steel c/c Bars bent, laid & complete as per specification and direction of Engineer-in-charge of Work.						
	Stellahally Colony main Rly	1	30.00	0.75	-	22.50 sqm	
		3×1	30.00	0.75	-	67.50	
		1	25.00	0.75	-	18.75	
	Cross-Road - Rly	2×1	30.00	0.75	-	45.00	
		1×1	17.70	0.75	-	13.28	
	——"—— Lly	2×1	30.00	0.75	-	45.00	
		1×1	6.00	0.75	-	4.50	
	Cross-Road Lly	1	35.00	0.75	-	26.25	
	Cross-Road-1 Lly	3×1	30.00	0.75	-	67.50	
		1×1	12.00	0.75	-	9.00	
	Rly	3×1	30.00	0.75	-	67.50	

M. A. R. 57 (Rule 116) No. D

Measurement Book

225934

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	12.00	0.75	-	9.00 sqm	
		1	25.70	0.75	-	19.28	
		3×1	30.00	0.75	-	67.50	
	missing slab	1	3.00	0.75	-	2.25	
		1	19.00	0.75	-	14.25	
		1	21.00	0.75	-	15.75	
		1	23.60	0.75	-	17.70	
						532.50 sqm	
					@	1680.00 Rs/sqm	894600.00
						Total Rs	45,00,040.20

Checked & Measured 21/1/2019

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Add	KRIDL - Charges @ 11%.		4,95,004.92	
				G. Total Rs		49,93,044.62	

Certificate

① Certified that the Contractor has work done satisfactorily.

② The Contractor has removed the debris from Work site

③ There is no any dept. materials issued to Contractor.

Audited and admitted for Rs. 4995044.62

Passed by Cheque for Rs. 4456809.00

Serial No. 538835 = 00

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

Accounts Officer

Exe. Engineer

M. B. M. P. Dasarahalli Division

M. A. 116) No. D

Me ok

225935

From To

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			W9878			shellykuly ground colony	
			W9880				
			W9882				
						shellykuly main Road	

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